

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)		Attorney Docket Number	13194-00048-US
		First Named Inventor	Jagdish Narayan
COMPLETE IF KNOWN			
		Application	10/593,809
		Filing Date	September 20, 2006
		Art Unit	N/A
		Examiner Name	N/A

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS OF FORMING ALPHA AND BETA TANTALUM FILMS WITH
CONTROLLED AND NEW MICROSTRUCTURES**

the specification of which was filed on March 24, 2005 as Application No. PCT/US05/09763.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

- no such foreign applications have been filed
- such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

no such U.S. provisional applications have been filed.

such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/555,759	March 24, 2004	<input checked="" type="checkbox"/> Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

no such U.S./PCT applications have been filed.

such U.S./PCT application have been filed as follows:

Application Number	Relationship	Parent Application	Date of Filing

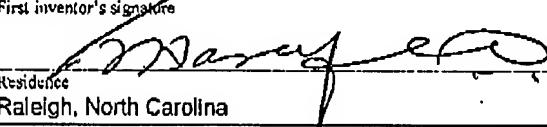
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

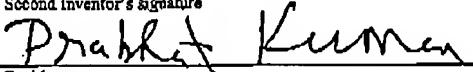
Please mail all correspondence to Aaron R. Ettelman, whose address is:

Connolly Bove Lodge & Hutz LLP
1007 North Orange Street
P.O. Box 2207
Wilmington, Delaware 19899

Please direct telephone calls to: Aaron R. Ettelman at (302) 888-6435.

Please direct facsimiles to: (302) 658-5614

Full name of sole or FIRST inventor, if any Jagdish Narayan	
First inventor's signature 	Date 6/7/2007
Residence Raleigh, North Carolina	
Citizenship US	
Mailing Address 4917 Springwood Drive Raleigh, North Carolina 27613	

Full name of SECOND inventor Prabhat Kumar	
Second inventor's signature 	Date 6/11/07
Residence Framingham, Massachusetts	
Citizenship US	
Mailing Address 31 Pinewood Drive Framingham, Massachusetts 01701-7656	

Full name of THIRD inventor Richard Wu	
Third inventor's signature 	Date 6/11/2007
Residence Chelmsford, MA	
Citizenship US	
Mailing Address 3 Rosemary Lane Chelmsford, Massachusetts 01824-4657	